

IMPACTrecovery **S Y S T E M S**®

"Performance for a Safer Tomorrow"



Domestic Product Catalog

Our Company

Since our inception in 1991, Impact Recovery Systems has been committed to the manufacturing of the most durable traffic control devices on the market. We are constantly looking to introduce new, innovative products. These products keep our work zone personnel, pedestrians and motorists safe in an efficient, cost effective manner. We thank you for taking the time to review our product line. If you have any questions or comments, please feel free to contact us: 800.736.5256 or customerservice@impactrecovery.com.



Our Technology



At the heart of our system is a unique, patented compression reactive spring with the strength to support not only a flexible post, but an information panel as well. This reactive spring gives upon impact and is designed to consistently return the post or panel to its original position. In addition, the system's "anti-twist" feature is designed to re-orient the panel toward traffic after impact. This spring system is compatible with our full line of bases. Ours are the only products on the market today that utilize a mechanical device to increase product durability. Virtually every other flexible traffic control device relies on the memory of the plastic to provide its durability and performance. Extensive testing has been performed on our spring system and their component parts to ensure that our products maintain their durability and functionality, impact after impact. This level of durability translates into an extended life cycle for your traffic control devices and decreased maintenance costs. Therefore, our products have received numerous approvals from the Federal Highway Administration by exceeding safety standard NCHRP-350.



Work Zone

Vertical Panels

Vertical Panels may be used to channelize traffic, divide opposing lanes of traffic, separate traffic lanes, for lane closures, or in place of barricades where space is limited. They are ideal for use in work zones where changes in road alignment or lane shifts can create motorist confusion. Impact Recovery Systems' vertical panels also provide high target value.

Panels are available in single or double sided configurations and are compatible with type A or C warning lights.



Opposing Traffic Lane Dividers

Opposing Traffic Lane Dividers are delineation systems used in work zones where traffic flow changes may become confusing for motorists. OTLDs are used at center line to separate opposing traffic on two-lane, two way operations, and may be used in combination with the Impact Recovery Systems' Tuff Posts, vertical panels and delineators.

Tubular Markers

Tubular Markers may be used effectively to divide opposing lanes of traffic, divide traffic when two or more lanes are kept open in the same direction, channelize traffic in exit only applications, for urban turn restrictions, for indicating changes of alignment in the roadway and to delineate edge of pavement drop off where space limitations do not allow the use of larger systems.

Tubular Markers may also be used in parking garages, parking lots and special event facilities.



Chevron Panels

Chevron Panels may be used as an alternative or supplement to standard delineators and to large arrow signs. The chevron signs are intended to be used to give notice of a sharp change of alignment in the direction of traffic.

Chevron Panels are available in a 5' version for soil and pavement installations, and are also available in a 36" version designed for installation on jersey barriers.

Work Zone

Stop Slow Paddle Stand

The portable and lightweight One Base Stop Slow Paddle System provides easy 360° rotation and a self-supporting design to reduce wind load fatigue and shoulder discomfort.

The Stop Slow Paddle is constructed of non-reflective Hi-Density Polyethylene.



Portable Sign Stand

The Portable sign stand is utilized in work zones to alert motorists of approaching road work. This sign stand is truly universal and can be adapted to any 36" or 48" roll-up sign on the market.

The Portable Sign Stand is easy to use and has no folding legs that can interfere with vehicle or pedestrian travel ways.

Breakaway Barricade

Breakaway Type III barricades feature polyethylene reflective panels and upright support. The Breakaway Barricades were designed for both ease of transport to the job site, as well as minimal assembly time. The plastic "X" tube uprights are designed to break away from the bases upon impact causing minimal damage to the system or impacting vehicle.



Temporary Mail Box

The strength of our patented spring system allows usage for custom devices such as this temporary mail box. This device is perfect during rural road construction projects, where traditional mailboxes can be easily damaged. This temporary mailbox can withstand impacts from passing construction equipment and still remain in place.

Permanent

Hazard Markers

Hazard Markers are ideal for marking obstructions within or adjacent to the roadway. Hazard Markers are perfect for high water crossings, as well as protecting guardrail and bridge approaches.

Hazard Markers are available in single or double sided versions.



Object Markers

Type II Object Markers may be used on island approach noses to indicate the presence of a raised curb, an obstruction, or anywhere that a Type II is appropriate.



Sergeant Stripes

Sergeant Stripes are used in lieu of Type III object markers when more target value is required, or any area where traffic is directed around two sides of an object. Sergeant Stripes are ideal for marking island ends or in advance of impact attenuators in a highway gore area.



Sentinel Between Car Barrier

Sentinel alerts visually impaired riders that the space between rail cars is not a door opening, thereby deterring them from entering that space and falling to the tracks below. Sentinel is ideal for systems with elevated platforms, level boarding and consistent rail car length. Sentinel is customizable for length and height and is available with or without retroreflectorization. Installation is both quick and easy. Sentinel can be traversed by wheelchairs or other vehicles in the event of errant docking.



Pedestrian Safety

In-Street Pedestrian Crosswalk Sign

The In-Street Pedestrian Sign provides enhanced conspicuity for both signalized and unsignalized intersections, in order to alert motorists to local laws concerning yielding to, or stopping for pedestrians in crosswalks. The effectiveness of this unit has been repeatedly supported by independent testing to demonstrate distinct changes in motorist behavior and accident incidence following installation. The In-Street Pedestrian Sign is ideal for mid-block crosswalk identification.



Omni-Ped®

Omni-Ped provides enhanced conspicuity for both signalized and unsignalized intersections, in order to alert motorists to local laws concerning yielding to or stopping for pedestrians in crosswalks. Omni-Ped's blow-molded, 4-sided design provides added benefit to pedestrians by providing fully customizable side panels that inform pedestrians of local ordinances or traffic conditions specific to their area. Omni-Ped also alerts distracted pedestrians to the presence of vehicular traffic that could otherwise go unnoticed.

Solestrian®

Similar to Omni-Ped, Solestrian also has a blow-molded, 4-sided design that supplies added benefit to pedestrians by providing fully customizable side panels that alert pedestrians to potential traffic hazards.

Solestrian also includes state-of-the-art solar technology that illuminates Stop/Yield portions of the unit to provide significantly increased conspicuity in dark or low light areas.



Ped-in-a-Bag™

Designed for use by school crossing guards who require a pedestrian safety device that is easily transported and deployed. This sign's lightweight design (26 lbs- sign and base), and quick release system-that allows the sign to be removed from the base in less than five seconds, makes this unit ideal for use in school zones. This sign is easily transported via the included carrying bag.

Ped-in-a-Bag is recommended for temporary/hourly use only. It is not designed to be a replacement for our traditional pedestrian signs.

Posts

Tuff Post®

Tuff Post is a high performance channelizer designed to meet the harsh demands of high speed, high traffic areas. Tuff Post has been tested to sustain 50 impacts at 50 mph with little damage to the unit or the impacting vehicle, while remaining upright with no vertical or horizontal listing.

Tuff Post is ideal for exit lane delineation, head-to-head traffic separation, urban turn restrictions, or edge line delineation. Also available in 3" & 4" diameters.



Delineator Posts

Delineators are designed to aid motorists in identifying the alignment of the roadway when utilized in roadside or center line applications.

These posts are ideal for any application where high performance and durability are important, including exit lane delineation, changes in road alignment, center line traffic separation or urban turn restrictions. Delineators are manufactured to receive a 14" flattened area designed for the application of a 3" x 12" area of retroreflectivity on one or both sides.

Specialty Posts

Mark fire lanes, no parking zones, channelize traffic or mark hazards with Impact Recovery Systems line of specialty posts. Let us know what need you have and we will help design you the appropriate post for the job.



Guardrail Delineators

Guardrail delineators are highly visible, reflective markers that are mounted directly on the guardrail post. These delineators are designed to provide uniform and consistent delineation of the guardrail and enhance visibility of the road both day and night.

Guardrail Delineators are available with 3M™ High Intensity or Diamond Grade sheeting.

Signs

Sta-Rite Aluminum Sign Post

This highly durable, yet light weight, white powder coated aluminum post prevents warping and remains straight, even in harsh summer and winter conditions. This sign post is available with an outer yellow bollard constructed of durable plastic which simulates a formidable concrete barrier for added conspicuity. This post can be customized to your specifications and is designed to withstand bumper hits and return to its original position.



Temporary Stop Signs

The 5' Portable Stop Sign was designed for use as a temporary system and is ideal in emergency situations such as power outages, or incident management situations. In emergency situations when time is critical, this sign is easily transportable and takes only seconds to install.



Hurricane Evacuation Signs

The Hurricane Evacuation Sign is the perfect solution for when you have to get people out both quickly and safely. This sign is portable, easy to transport and deploy and is great for channelizing traffic during emergency situations.



Custom Signs

Impact Recovery Systems can create a custom sign to fit nearly any application or need. Simply tell us what type of sign you require and we will be happy to create it for you.



Bases

Fixed Base

Fixed Base is a surface mount base designed for permanent applications that require uprights to be secured with bolts. This base works with Impact Recovery Systems' full line of uprights and can be installed using our anchor kit or epoxy. Fixed Base is also available with our "quick release" feature that provides the ability to change out or remove uprights in less than five seconds, without the use of tools or special equipment. To remove an upright, simply pull the keeper pin, rotate the upright 15°, lift and remove.



Low Profile Base



Low Profile Base is an economical solution ideal for medium and low speed applications that require the use of a low profile base and removable post. This ADA compliant base was designed to reduce the risk of a trip hazard, especially for visually impaired pedestrians.

The Low Profile Base is easy to install via epoxy or bolts and is designed with Impact Recovery Systems' Quick Release system that allows products to be changed out or removed in less than five seconds without the use of tools or special equipment.

One Base®

One Base eliminates the need for multiple specialty bases with its ability to be utilized with Impact Recovery Systems' full line of panels and signage. One Base's portable design and ergonomic carrying handle make it ideal for rapid deployment of temporary signage.

One Base is made of 100% recycled rubber and comes standard with Impact Recovery Systems' revolutionary quick release feature that allows upright installation and removal in less than 5 seconds.



Recessed Base



Recessed Base was created to be recessed into the pavement and is designed to be snow-plowable. Uprights may utilize either a quick release or standard upright installation.

The base is constructed of forged steel and is available in high or low profile.

Bases & Curbing



Driveable Base

Driveable Base is a soil mount base designed for off road soil installations. This base is not interchangeable with standard Impact Recovery Systems uprights, as it requires a special driveable spring assembly.

Note: Extension also available

Tuff Curb® XLP

Tuff Curb XLP was designed to withstand the effects of high speed, high impact applications and is compatible with Impact Recovery Systems' full line of posts and panels. XLP's durable low profile design (8"W x 2"H x 40"L) was made to withstand 20,000 lbs. of static force from a single wheel. XLP's bright solid coloring and glass-element technology reflectors supply maximum visibility both day and night. Tuff Curb XLP has the option of installation with bolts or epoxy. Tested by Texas Transportation Institute to 2009 MASH standards.



Tuff Curb®

Tuff Curb is a durable, high performance traffic separator curb that is compatible with Impact Recovery's full line of posts and panels. Tuff Curb is highly visible and resistant to UV damage and fading. Enhanced profile dimensional properties and 3M™ reflectors provide maximum visibility and traffic separation both day and night. Tuff Curb is lightweight and easy to install, with only two connection points to the pavement, resulting in reduced labor and enhanced installation times. Tested by Texas Transportation Institute to 2009 MASH standards.

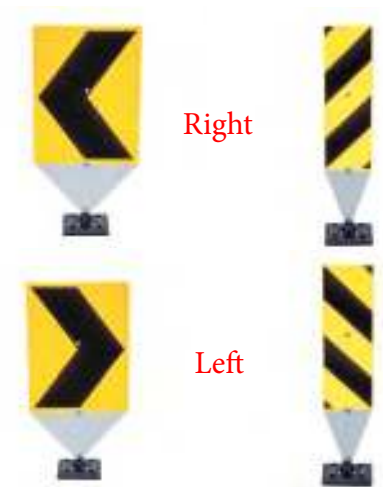
Installation Materials

- #160 2 Gallon Epoxy Kit (installs approx. 15 bases) for all fixed bases
- #161 10 Gallon Epoxy Kit (installs approx. 80 bases) for all fixed bases
- #163 Super Bundy (installs 1 base) for all fixed bases
- #164 Butyl Pads (package of 4- installs 1 base) for portable base
- #165 Anchor Kit with 4 lag screws (installs 1 base) for all fixed bases



Directional Information

Impact Recovery Systems, Inc. follows the MUTCD standards in reference to the guidelines constituting “right” and “left” designations. Please use the diagram to your right when ordering directional panels. Impact Recovery Systems’ products are manufactured using 3M™ High Intensity Grade sheeting or 3M™ Diamond Grade™ sheeting.



Terms and Conditions

Ordering Information: Orders subject to factory acceptance. Original or faxed purchase orders required. Returned items require authorization and are subject to a 15% restocking fee.

Freight Terms: Prices are F.O.B San Antonio, Texas. Taxes added where applicable. If you choose to ship your order prepaid, the exact shipping charges from the freight carrier will be added to the invoice.

DISCLAIMER OF WARRANTIES

EXCEPT FOR THE EXPRESS WARRANTIES CONTAINED IN THE AUTHORIZED BROCHURES AND PUBLICATIONS OF IMPACT RECOVERY SYSTEMS (IRS), TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IRS DISCLAIMS AND EXCLUDES ALL REPRESENTATIONS AND WARRANTIES, WHETHER EXPRESS, IMPLIED OR STATUTORY, REGARDING IN ANY MANNER ITS PRODUCTS OR PRODUCT CONDITIONS, INCLUDING, WITHOUT LIMITATION, THAT OF MERCHANTABILITY, SUITABILITY, ORIGINALITY, FITNESS FOR A PARTICULAR USE OR PURPOSE, OR A RESULT TO BE DERIVED FROM THE USE OF ITS PRODUCTS. BUYER ACKNOWLEDGES THAT IT IS A SOPHISTICATED USER OF TRAFFIC DELINEATION AND WORK ZONE PRODUCTS, AND AGREES THAT THIS PROVISION IS AN INTEGRAL PART OF IRS' PRICING AND AN IMPORTANT FACTOR IN ITS WILLINGNESS TO PROVIDE/SELL SUCH PRODUCTS TO BUYER.

LIMITATION OF LIABILITY

IRS AND ITS DISTRIBUTORS AGGREGATE CUMULATIVE LIABILITY AND OBLIGATION SHALL BE TO REPLACE SUCH QUANTITY OF PRODUCT SOLD TO BUYER WHICH IS PROVEN TO BE DEFECTIVE OR NON-CONFORMING, IN A MANNER SUITABLE TO IRS TO ASCERTAIN THE DEFECT OR NON-CONFORMITY COMPLAINED OF IF REPORTED TO IRS IN WRITING WITHIN THIRTY (30) DAYS OF THE DISCOVERY OF THE DEFECT OR NON-CONFORMITY. NEITHER IRS OR ITS DISTRIBUTOR SHALL BE LIABLE EITHER IN TORT OR IN CONTRACT FOR ANY LOSS OR DAMAGE, DIRECT, INCIDENTAL, OR CONSEQUENTIAL, ARISING OUT OF THE USE, MISUSE, OR INABILITY TO USE THE PRODUCT SOLD BY IRS.

IMPACTrecovery SYSTEMS®

"Performance for a Safer Tomorrow"

Distributed By:



شركة دلمون المحدودة
DELMON CO. LTD.

P. O. Box 9616, Riyadh 11423, Saudi Arabia
Tel: +966 11 465 8749, Fax: +966 11 464 4861
Email: saferoad@delmonhsp.com
Website: www.delmonhsp.com



©2012 Impact Recovery Systems, Inc. Edition 13. Impact Recovery Systems, IRS, One Base, Tuff Curb, Tuff Post, Omni-Ped and Solestian are registered trademarks of Impact Recovery Systems, Inc. The products illustrated or described in this catalog are covered by the following U.S. patent numbers: 6,416,248; 6,036,400; 5,199,814; D465,170; 7,377,717 and 7,621,691 and corresponding foreign patents. Other U.S. and international patents pending.



4955 Stout Dr. San Antonio, TX 78219
210.736.4477 • F: 210.734.6448
800.736.5256 • www.impactrecovery.com
customerservice@impactrecovery.com